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Complete if Known Substitute for form 1449/PTO **Application Number** 10/720,843 10/702,843 **INFORMATION DISCLOSURE** Filing Date 24 November 2003 STATEMENT BY APPLICANT **First Named Inventor** Schwartz Art Unit 1654 (Use as many sheets as necessary) **Examiner Name** J.E. Russel Attorney Docket Number SOL.003.DIV1

## ILS DATENT DOCUMENTS

Œ)						U.S	5. P/	AIE	NT DOCU	MENTS			
AMINER		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
JER	АА	3	8	0	8	0	8	6	04/30/74	Mosimann et al.	161	93	04/07/72
	AB	4	2	4	4	7	2	1	01/13/81	Gupta et al.	65	31	01/31/79
	AC	4	4	6	1	8	7	6	07/24/84	Lieberman et al.	525	374	09/09/82
	AD	4	7	0	7	4	4	0	11/17/87	Stavrianopoulos	435	6	01/30/84
	AE	4	7	7	5	6	1	9	10/04/88	Urdea	435	6	10/16/84
	AF	4	8	7	4	8	1	3	10/17/89	O'Shannessy	525	54.1	02/09/87
	AG	5	1	1	8	6	0	5	06/02/92	Urdea	435	6	09/29/88
	АН	5	1	5	1	5	0	7	09/29/92	Hobbs, Jr. et al.	536	23	06/12/91
	Al	5	2	0	6	3	7	0	04/27/93	Schwartz et al.	546	281	05/26/92
	AJ	. 5	2	1	0	2	0	3	05/11/93	Musso et al.	548	130	05/07/92
	AK	5	3	8	0	8	3	3	01/10/95	Urdea	536	22.1 <sup>.</sup>	12/13/91
	AL	5	4	. 5	0	2	8	5	05/30/95	Schwartz et al.	546	281	05/30/95
	AM	5	5	2	1	2	9	0	05/28/96	Sivam et al.	530	391.5	11/21/94
	AN	5	5	6	7	6	2	4	10/22/96	Smith	436	163	04/27/95
	AO	5	6	7	9	7	7	8	10/21/97	Abrams et al.	530	391.5	11/03/93
	AP	5	7	5	3	5	2	0	05/19/98	Schwartz et al.	436	542	02/06/95
	AQ	5	7	8	9	5	7	6	08/04/98	Daily et al.	536	25.6	12/09/94
	AR	5	7	9	2	6	1	5	08/11/98	Arnold et al.	435	6	03/06/97
	AS	5	8	3	7	8	5	6	11/17/98	Arnold, Jr. et al.	536	24.5	03/06/98
	AT	5	8	3	7	8	6	0	11/17/98	Anderson et al.	536	25.3	03/05/97
	AU	5	8	5	4	4.	,	0	12/29/98	Arnold, Jr. et al.	536	23.1	03/31/94
	AV	5	8	5	6	5	7	1	01/05/99	Berninger et al.	564	37	06/07/95
	AW	5	8	7	7	2	2	0	03/02/99	Schwartz et al.	514	626	03/06/97
	AX	5	8	8	0	2	7	ó	03/09/99	Berninger et al.	530	391.1	12/23/97

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**Attorney Docket Number** 

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J.E. Russel

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
JER	AY	5	9	0	0	4	8	1	05/04/99	Lough et al.	536	55.3	11,06/9
	AZ	5	9	5	5	5	9	7	09/21/99	Arnold, Jr. et al.	536	24.3	06/30/9
	ВА	5	9	5	8	9	0	1	09/28/99	Dwyer et al.	51,4	75	06.05/9
	ВВ	6	0	0	1	8	2	6	12/14/99	Murrer et al.	514	183	07/20/9
	ВС	6	0	2	8	1	8	8	02/22/00	Arnold, Jr. et al.	536	25.3	11/21/9
	BD	6	0	2	0	5	2	6	02/01/00	Schwartz et al.	564	153	07/22/9
	BE	6	0	3	4	1	3	5	03/07/00	Schwartz et al.	514	616	03,06/9
	BF	6	1	3	3	4	3	6	10/17/00	Köster et al.	536	24.3	09/19/9
	BG	6	2	1	7	8	4	5	04/17/01	Schwartz et al.	424	1.69	11,06/9

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			D	OCUM	ENT 6	NUMB	ER		DATE	COUNTRY	CLASS	SUB CLASS	Trans Yes	lation No
JER	ВН	0	0	0	5	2	0	8	02/03/00	PCT				<u> </u>
	ВІ	0	0	0	5	2	4	3	02/03/00	PCT			<u> </u>	
	BJ	0	0	0	8	0	4	2	02/17/00	PCT				
	ВК	0	0	4	0	5	9	0	07/13/00	PCT				L
	BL	0	1	0	9	3	8	5	02/08/01	PCT A2				_
	ВМ	0	2	8	0	4	7.	4	<del>-02/13/0</del> 8	EP A2 (08)	1988)			L
	BN	0	2	8	0	4	7	4	-02/19/88-	EP B1 (11	(1993)			
	во	0	3	6	1	7	6	8	-09/19/09	EP A2 (04	(1990)			<u> </u>
	BP	0	3	8	4	7	6	9	02/23/90	EP B1				
1	BQ	9	4	1	0	1	4	9	05/11/94	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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	•			Application Number	10/702.949 10/720,843				
			CLOSURE	Filing Date	24 November 2003				
STA	ATEMENT E	BY A	PPLICANT	First Named Inventor	Schwartz				
	(Use as many she	ets as n	ecessary)	Art Unit	1654				
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Sheet	3	of	4	Attorney Docket Number	SOL.003.DIV1				

JER	BR	Abrams et al., "Technetium-99m-Human Polyclonal IgG Radiolabeled via the Hydrazino Nicotinamide Derivative for Imaging Focal Sites of Infection in Rats", J. Nucl. Med., 31(12):2022-2028; (1990)
	BS	Agrawal, S. (Ed.), Methods in Molecular Biology. 20, Book: Protocols for Oligonucleotides and Analogs, Synthesis and Properties, Humana Press, (1993), pages ix-xi.
·	вт	Bischoff et al., "Introduction of 5'-Terminal Functional Groups into Synthetic Oligonucleotides for Selective Immobilization", Anal. Biochem., 164:336-344; (1987)
	BU	Bridger et al., "A Comparison of Cleavable and Noncleavable Hydrazinopyridine Linkers for the <sup>99m</sup> Tc Labeling of Fab' Monoclonal Antibody Fragments", <i>Bioconj. Chem.</i> , 7:255-264; (1996)
	BV	Chang et al., "Early Results in the International Design of New Bifunctional Chelators", 6th Conference on Radioimmunodetection and Radioimmunotherapy of Cancer - Supplement to Cancer", 80:2347-2353; (1997)
	BW	Ellis et al., "Development and Clinical Uses of Haemphilus b Conjugate Vaccines", Book: Marcel Dekker, Inc.; New York; (1994), pages xi-xii.
	вх	Ghosh et al., "Covalent attachment of oligonucleotides to solid supports", Nucl. Acids. Res., 15(3):5353-5372; (1987)
	BY	Ghosh et al., "Synthesis of 5'-Oligonucleotide Hydrazide Derivatives and Their Use in Preparation of Enzyme-Nucleic Acid Hybridization Probes", Anal. Biochem., 178:43-51; (1989)
	BZ	Greene et al., "Protective Groups in Organic Synthesis", Book: 2nd Edition, John Wiley & Sons, Inc. , pages ix-x.
	CA	Hermanson et al., Bioconjugate Techniques: Academic Press, 1996 , pages vii->
	СВ	Hostomsky <i>et al.</i> , "Solid-phase assembly of DNA duplexes from synthetic oligonucleotides," <i>Nucl. Acid. Symp. Ser.</i> , 18:241-244; (1987)
	СС	IUPAC-IUB: "IUPAC-IUB Commission on Biochemical Nomenclature Abbreviated Nomenclature of Synthetic Polypeptides (Polymerized Amino Acids)", <i>Biochem.</i> , 11(5):942-944; (1972)
	CD	Kaneko et al., "New Hydrazone Derivates of Adriamycin and Their Immunoconjugates - a Correlation between Acid Stability and Cytotoxicity," <i>Bioconj. Chem.</i> , 2(3):133-141; (1991)
	CE	King et al., "Preparation of Protein Conjugates via Intermolecular Hydrazone Linkage", Biochem., <u>25:</u> 5774-5779; (1986)
	CF	Marble et al., "RNA Transcription from Immobilized DNA Templates," <i>Biotechnol. Prog.</i> 11:393-396; (1995)

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	te for form 1449/PTO				Complete if Known
50081100	19 10/10/11 1445/210			Application Number	10/702,843 10/720,843
INF	ORMATION	DIS	CLOSURE	Filing Date	24 November 2003
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Schwartz
				Art Unit	1654
	(Use as many she	eets as n	ecessary)	Examiner Name	J.E. Russel
Sheet	4	of	4	Attorney Docket Number	SOL.003.DIV1

JEŔ	CG	Reynolds et al., "Antisense oligonucleotides containing an internal non-nucleotide-based linker promote site-specific cleavage of RNA", Nucl. Acids. Res., 24(4):760-765; (1996)
	СН	Reynolds et al., "Synthesis and thermodynamics of oligonucleotides containing chirally pure Rp methylphosphonate linkages", Nucl. Acids. Res. 24(22):4584-4591; (1996)
	CI	Rose et al., "Natural Peptides as Building Blocks for the Synthesis of Large Protein-like Molecules with Hydrazone and Oxime Linkages", <i>Bioconjugate Chem.</i> , 7:552-556; (1996)
	CJ	Salo et al., "Aminooxy Functionalized Oligonucleotides: Preparation, On-Support Derivatization, and Postsynthetic Attachment to Polymer Support", Bioconjugate Chem., 10:815-823; (1999)
<del></del>	СК	Schwartz et al., "Preparation of Hydrazino-Modified Proteins and Their Use for the Synthesis of 99mTc-Protein Conjugates," <i>Bioconjugate Chem.</i> , 2:333-336; (1991)
	CL	Timofeev et al., "Regioselective immobilization of short oligonucleotides to acrylic copolymer gels", Nucl. Acids. Res., 24(16):3142-3148; (1996)
	СМ	Trevisiol et al., "The Oxyamino-Aldehyde Coupling Reaction: An Efficient Method for the Derivatization of Oligonucleotides", <i>Tetrahedron Lett</i> , 38(50):8687-8690; (1997)
1	CN	Trevisiol et al., "Synthesis of Nucleoside Triphosphate that Contain an Aminooxy Function for 'Post-Ampification Labeling'", Eur. J. Org. Chem., pages 211-217; (2000)

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